

FIG. 1

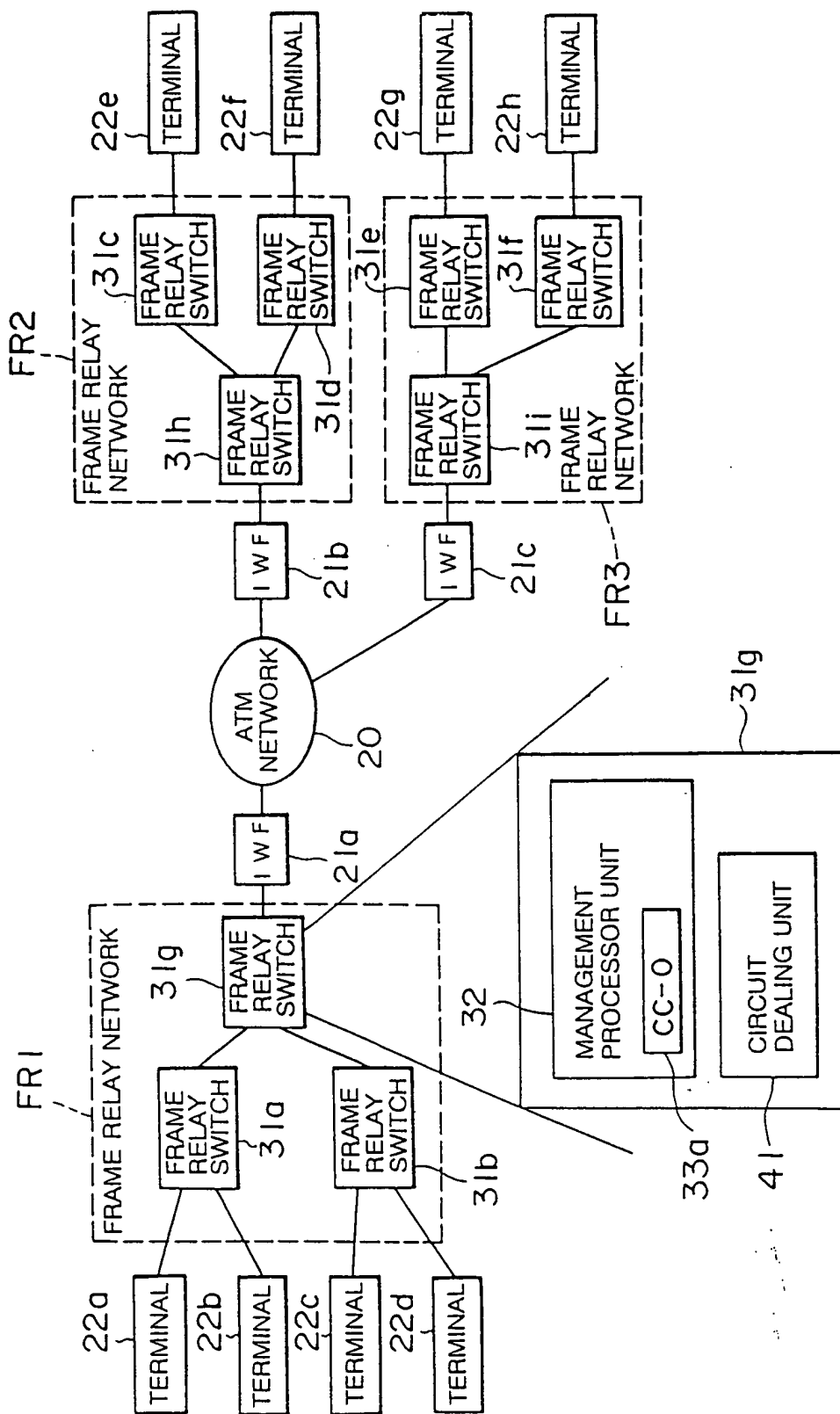


FIG. 2

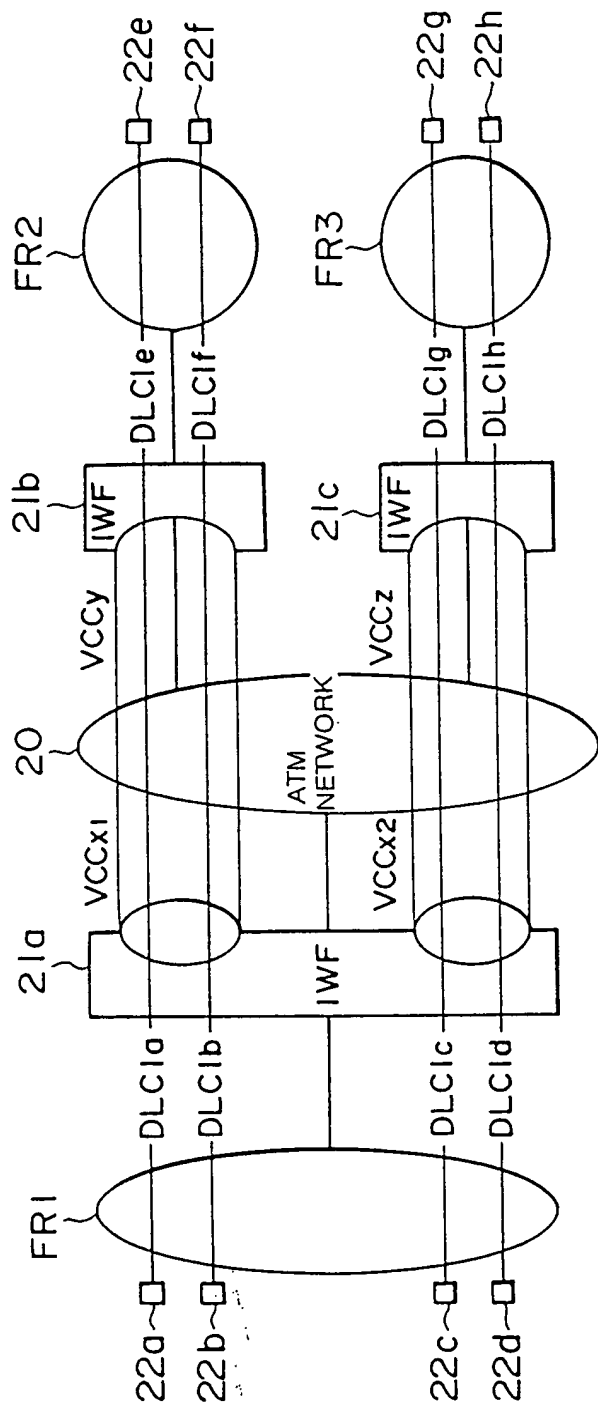


FIG. 3(a)

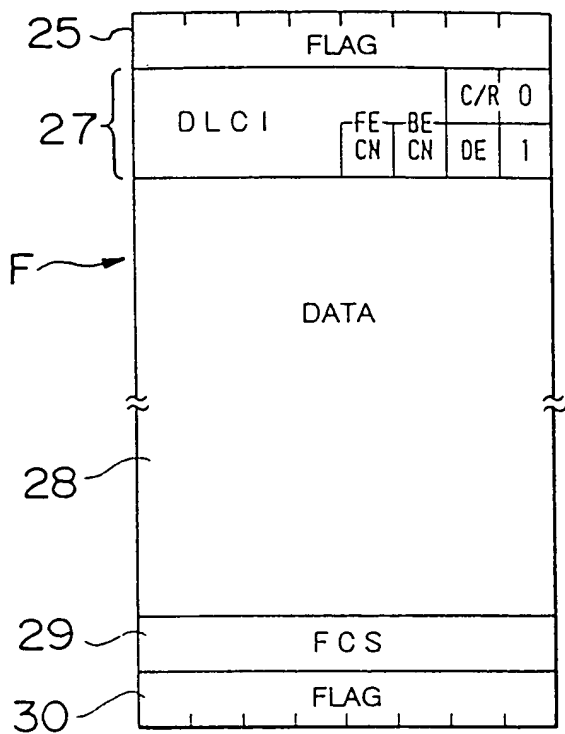
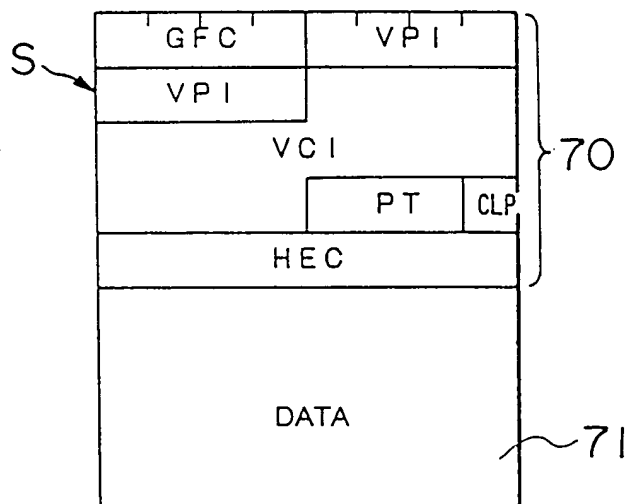


FIG. 3(b)



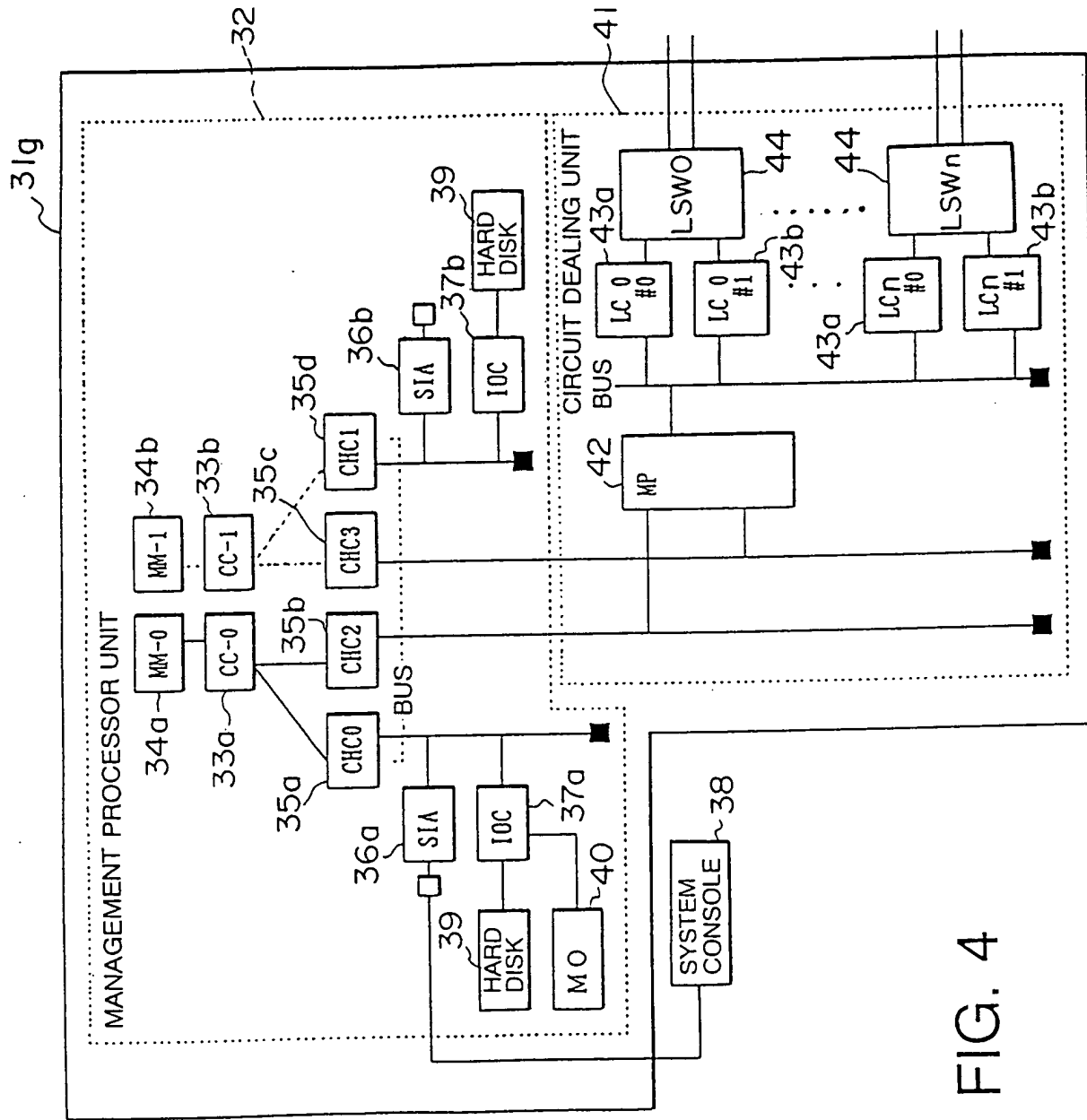


FIG. 4

FIG. 5

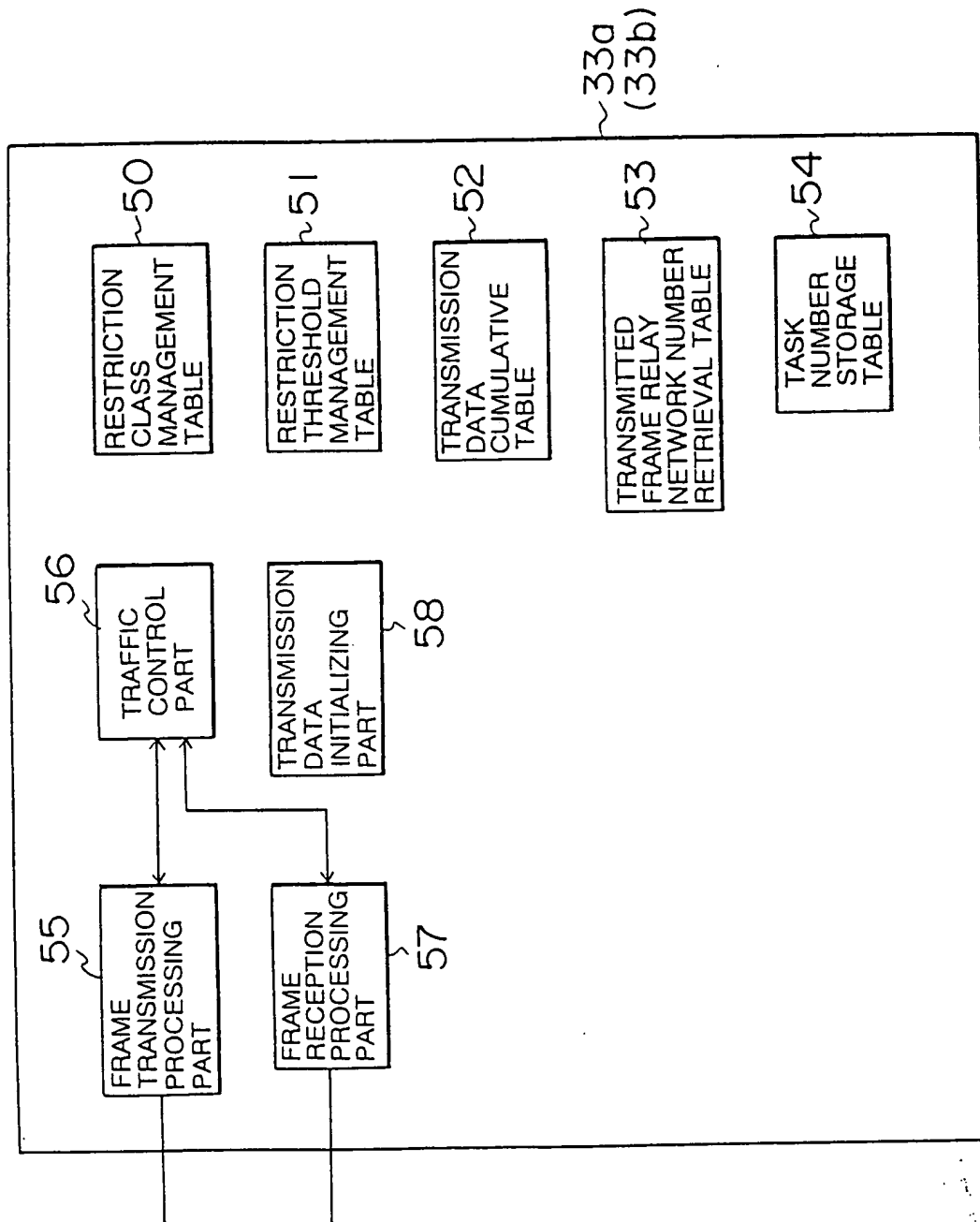


FIG. 6

TRAFFIC RESTRICTION CLASS
⋮

50

FIG. 7

ALLOWABLE MAXIMUM TRANSMISSION RATE (maxR)
MEASURING TIME (t1)
FIRST RESTRICTIVE COEFFICIENT (n1)
SECOND RESTRICTIVE COEFFICIENT (n2)
THIRD RESTRICTIVE COEFFICIENT (n3)
FOURTH RESTRICTIVE COEFFICIENT (n4)
⋮

51

FIG. 8

TRANSMISSION DATA QUANTITY (SD2)
TRAFFIC RESTRICTIVE LEVEL
⋮

52

FIG. 9

TRANSMITTED FRAME RELAY NETWORK NUMBER
⋮

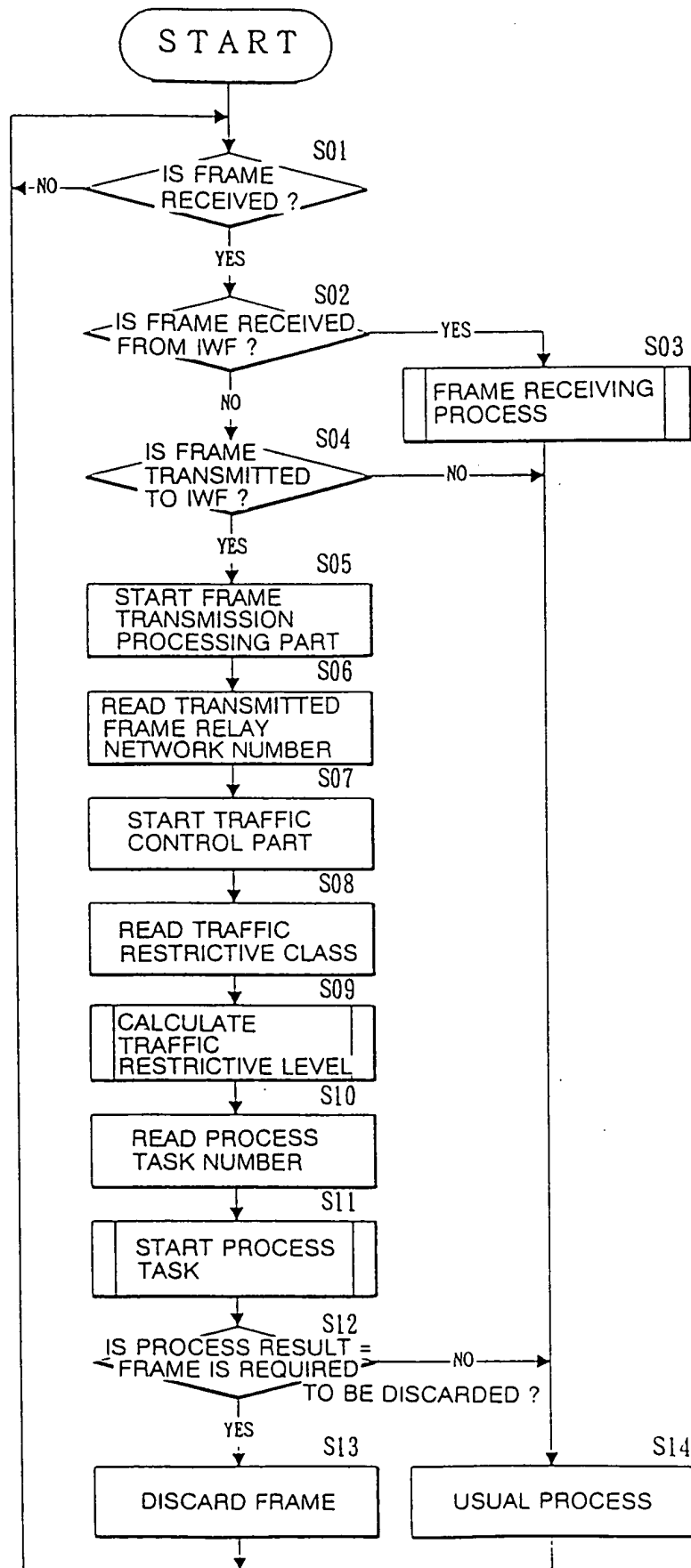
53

FIG. 10

GENERAL CLASS	PROCESS TASK 1 (NON-RESTRICTION)	59	54
	PROCESS TASK 2 (FIRST RESTRICTION)		
	PROCESS TASK 3 (SECOND RESTRICTION)		
	PROCESS TASK 3 (THIRD RESTRICTION)		
	PROCESS TASK 4 (FOURTH RESTRICTION)		
IMPORTANT CLASS	PROCESS TASK 1 (NON-RESTRICTION)	59	54
	PROCESS TASK 1 (FIRST RESTRICTION)		
	PROCESS TASK 2 (SECOND RESTRICTION)		
	PROCESS TASK 3 (THIRD RESTRICTION)		
	PROCESS TASK 4 (FOURTH RESTRICTION)		
MOST IMPORTANT CLASS	PROCESS TASK 1 (NON-RESTRICTION)	59	54a
	PROCESS TASK 1 (FIRST RESTRICTION)		
	PROCESS TASK 1 (SECOND RESTRICTION)		
	PROCESS TASK 1 (THIRD RESTRICTION)		
	PROCESS TASK 4 (FOURTH RESTRICTION)		
GENERAL CLASS	PROCESS TASK 1 (NON-RESTRICTION)	59	54b
	PROCESS TASK 5 (FIRST RESTRICTION)		
	PROCESS TASK 5 (SECOND RESTRICTION)		
	PROCESS TASK 5 (THIRD RESTRICTION)		
	PROCESS TASK 5 (FOURTH RESTRICTION)		
IMPORTANT CLASS	PROCESS TASK 1 (NON-RESTRICTION)	59	54
	PROCESS TASK 1 (FIRST RESTRICTION)		
	PROCESS TASK 5 (SECOND RESTRICTION)		
	PROCESS TASK 5 (THIRD RESTRICTION)		
	PROCESS TASK 5 (FOURTH RESTRICTION)		
MOST IMPORTANT CLASS	PROCESS TASK 1 (NON-RESTRICTION)	59	54
	PROCESS TASK 1 (FIRST RESTRICTION)		
	PROCESS TASK 1 (SECOND RESTRICTION)		
	PROCESS TASK 1 (THIRD RESTRICTION)		
	PROCESS TASK 5 (FOURTH RESTRICTION)		

09481001.011000

FIG. 11



09431001-011000

FIG. 12

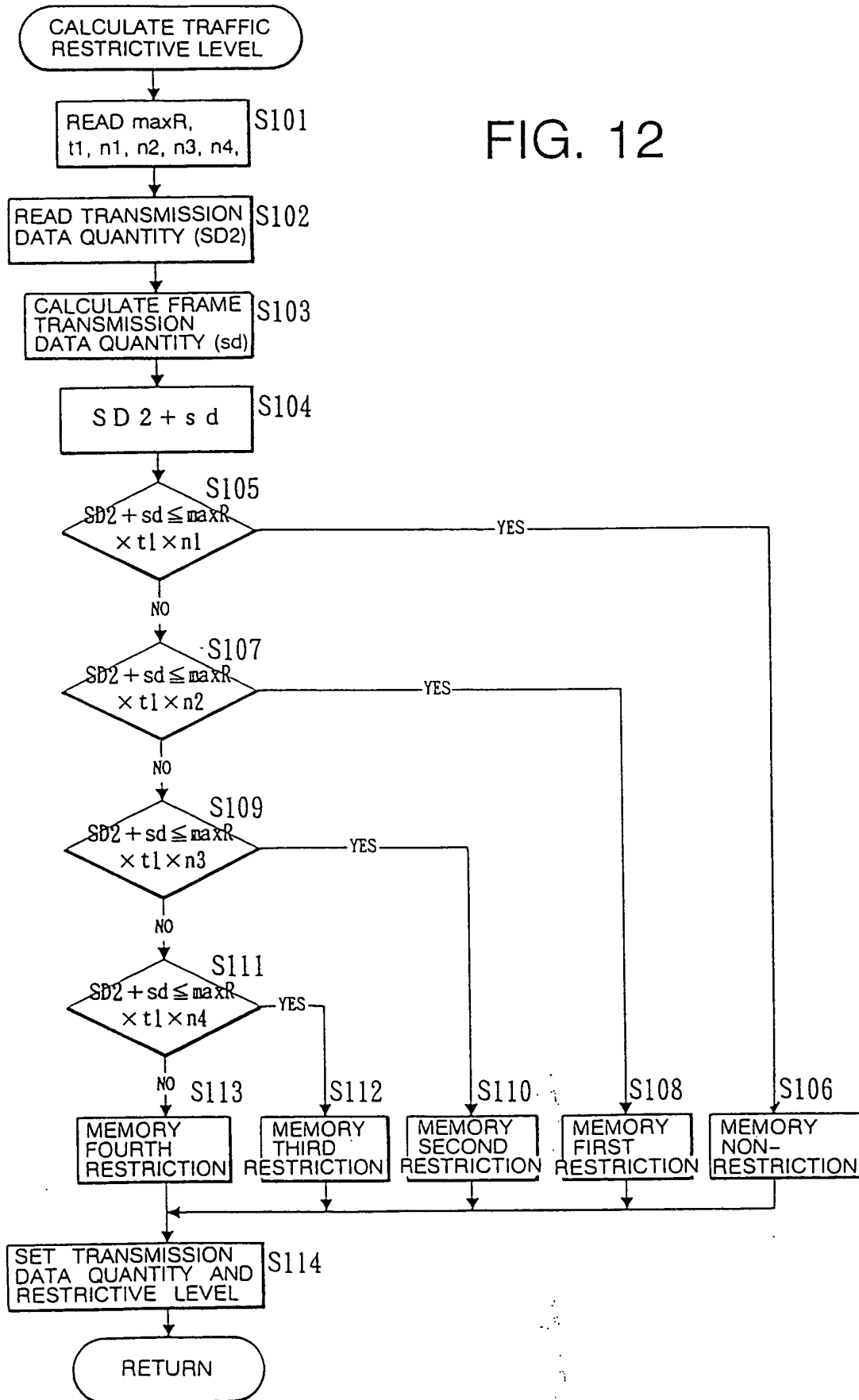


FIG. 13

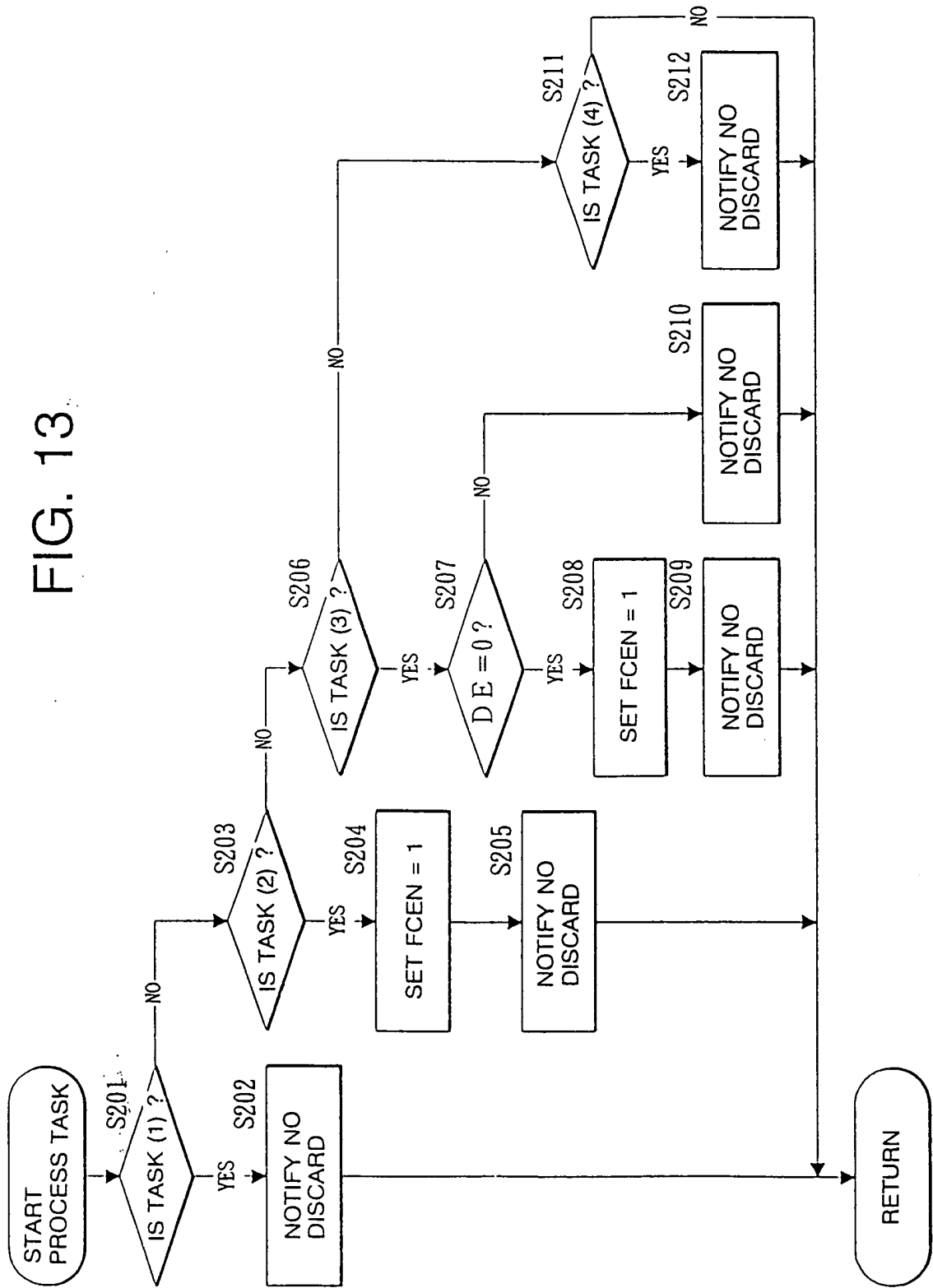
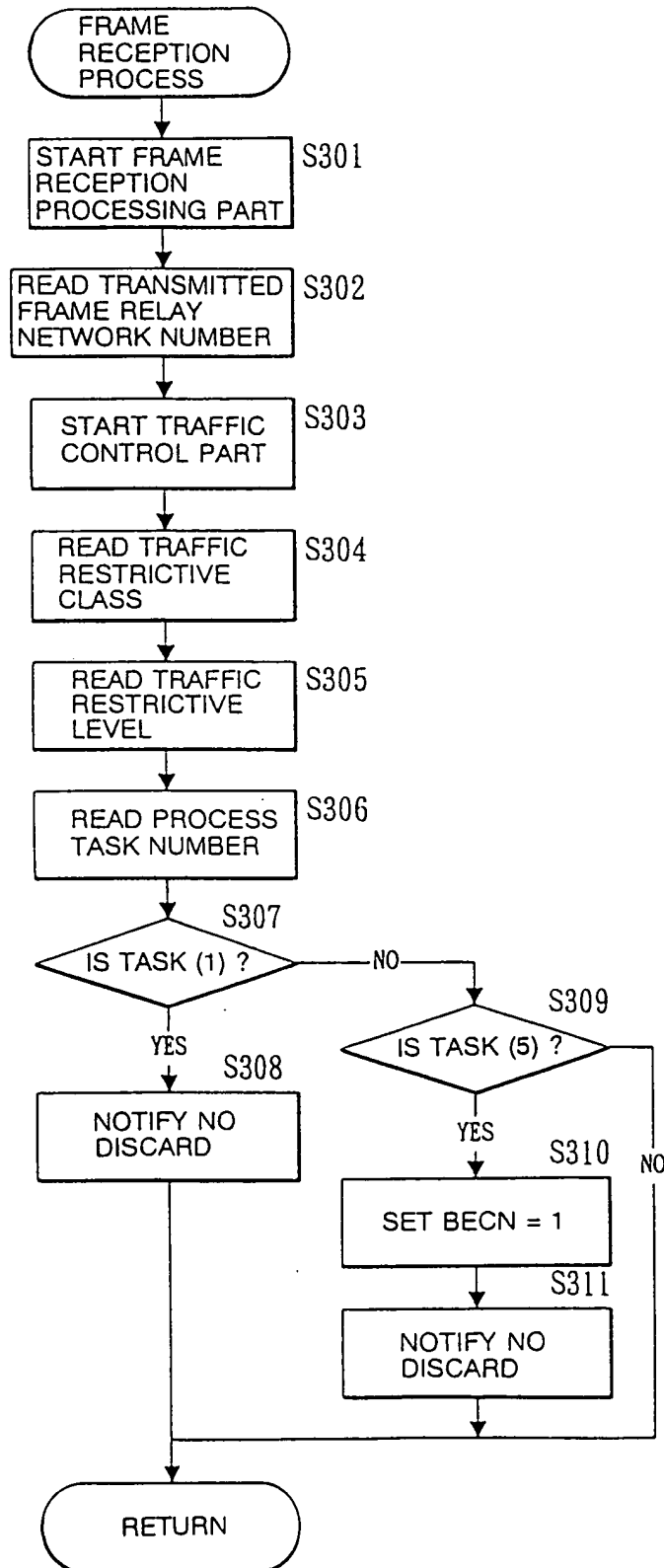


FIG. 14



09481001 011000

FIG. 15

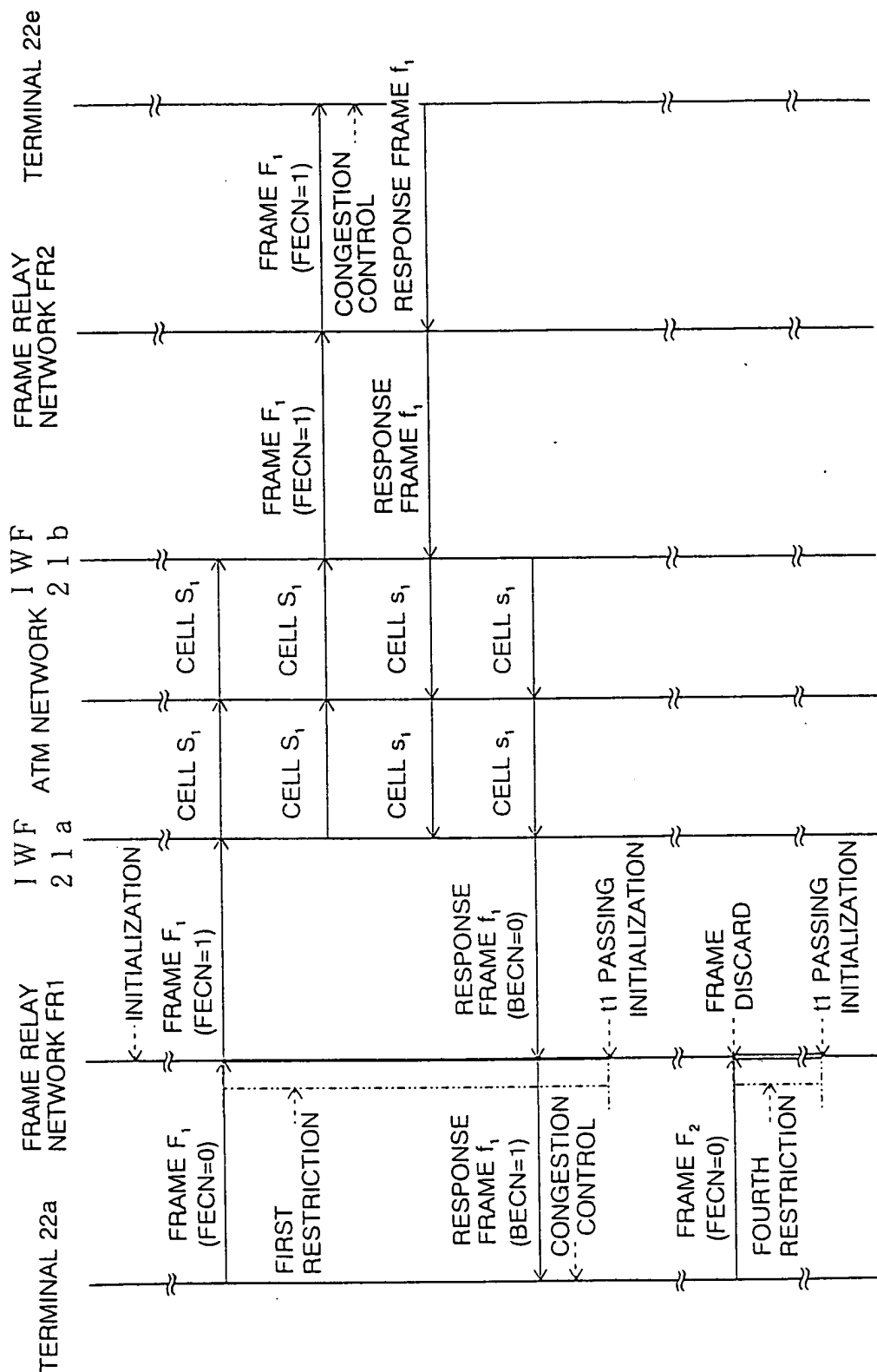


FIG. 16

PRIOR ART

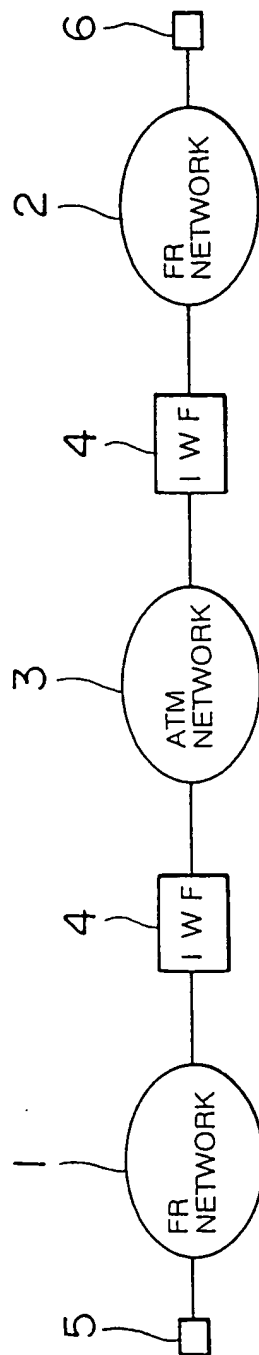


FIG. 17

RESTRICTIVE LEVEL		TRAFFIC RESTRICTIVE CLASS	GENERAL CLASS	IMPORTANT CLASS	MOST IMPORTANT CLASS
NON-RESTRICTION		$SD \leq \max RX t l X n l$	NO RESTRICTION	NO RESTRICTION	NO RESTRICTION
FIRST RESTRICTION		$\max RX t l X n l < SD \leq \max RX t l X n 2$	TRANSMITTED FRAME : FECN=1 RECEIVED FRAME : BECN=1		
SECOND RESTRICTION		$\max RX t l X n 2 < SD \leq \max RX t l X n 3$	TRANSMITTED FRAME DE=0:FECN=1 DE=1:DISCARD RECEIVED FRAME : BECN=1	TRANSMITTED FRAME : FECN=1 RECEIVED FRAME : BECN=1	
THIRD RESTRICTION		$\max RX t l X n 3 < SD \leq \max RX t l X n 4$	TRANSMITTED FRAME DE=0:FECN=1 DE=1:DISCARD RECEIVED FRAME : BECN=1	TRANSMITTED FRAME DE=0:FECN=1 DE=1:DISCARD RECEIVED FRAME : BECN=1	
FOURTH RESTRICTION		$\max RX t l X n 4 < SD$	TRANSMITTED FRAME : DISCARD RECEIVED FRAME : BECN=1	TRANSMITTED FRAME : DISCARD RECEIVED FRAME : BECN=1	TRANSMITTED FRAME : DISCARD RECEIVED FRAME : BECN=1

* SD: TRANSMISSION DATA QUANTITY.

** $0 < n1 < n2 < n3 < n4 \leq l$

*** "DE=0:FECN=1" INDICATES THAT FECN=1 IS SET FOR FRAME OF DE=0

**** "DE=1:DISCARD" INDICATES THAT FRAME OF DE=1 IS DISCARDED